Index of Claims

Application No.

10/616,978

Examiner

PANTON, GEORGE S.

Art Unit

Applicant(s)

Fredrick C Conley

3673

Rejected Allowed

(Through numeral) Cancelled

Restricted

Non-Elected Ν

Appeal Α

Interference

o Objected

|          |  |          |              |              | _            |          | 1             |          |              |                 |  |  |  |
|----------|--|----------|--------------|--------------|--------------|----------|---------------|----------|--------------|-----------------|--|--|--|
| Cla      | im   | Date     |              |              |              |          |               |          |              |                 |  |  |  |
| <u> </u> | 4111   | 9        |              |              | _ ;          |          | $\overline{}$ |          |              | 一               |  |  |  |
| Final    | Original   | 989      |              |              |              |          |               |          |              |                 |  |  |  |
|          |  | 7        | <u> </u>     |              |              |          |               |          |              | П               |  |  |  |
|          | 2  | i        | $\vdash$     | _            |              |          |               |          | _            | Н               |  |  |  |
|          | 3  | I        | $\vdash$     | _            |              | _        |               |          | _            | М               |  |  |  |
|          | 4  | H        |              |              |              |          |               |          |              | H               |  |  |  |
|          | 5  | $\sqcap$ |              |              |              |          |               |          |              |                 |  |  |  |
|          | 6  | $\Box$   |              |              |              |          | _             |          | _            | П               |  |  |  |
|          | 1<br>2<br>3<br>4<br>5<br>6<br>7                                | П        |              | _            |              |          |               |          |              | П               |  |  |  |
|          | 8  | П        |              |              |              |          |               |          |              |                 |  |  |  |
|          | 9  | П        |              |              |              |          |               |          |              | П               |  |  |  |
|          | 10   | П        |              |              |              |          |               |          |              | П               |  |  |  |
|          | 10<br>11<br>12   | $\prod$  |              |              |              |          |               |          |              |                 |  |  |  |
|          | 12   | П        |              |              |              |          |               |          |              | П               |  |  |  |
|          | 13<br>14<br>15   | $\prod$  |              |              |              |          |               |          |              |                 |  |  |  |
|          | 14   | П        |              |              |              |          |               |          |              |                 |  |  |  |
|          | 15   | V        |              |              |              |          |               |          |              |                 |  |  |  |
|          | 16   | =        |              |              |              |          |               |          |              |                 |  |  |  |
|          | 17   | 1        |              |              |              |          |               |          |              |                 |  |  |  |
|          | 18   | $\Pi$    |              |              |              |          |               |          |              |                 |  |  |  |
|          | 19   | П        |              |              |              |          |               |          |              |                 |  |  |  |
|          | 20   | =        |              |              |              |          |               |          |              |                 |  |  |  |
|          | 21   | V        |              |              |              |          |               |          |              |                 |  |  |  |
|          | 22   | 1        |              |              |              |          |               |          |              |                 |  |  |  |
|          | 16<br>17<br>18<br>19<br>20<br>21<br>22<br>23<br>24<br>25<br>26 | $\sqcap$ |              |              | l            |          |               |          |              |                 |  |  |  |
|          | 24   |          |              |              |              |          |               |          |              |                 |  |  |  |
|          | 25   | Ш        | L            |              | L            |          |               |          |              | Ш               |  |  |  |
|          | 26   | П        |              |              |              |          |               |          |              |                 |  |  |  |
|          | 27<br>28   | Ш        |              |              | L            |          |               |          | <u> </u>     | Ш               |  |  |  |
|          | 28   | Ш        |              |              |              |          |               |          | L_           | Ш               |  |  |  |
|          | 29<br>30   | Ц        |              |              |              |          |               |          | L            |                 |  |  |  |
|          | 30   | Щ        | _            |              | <u> </u>     |          |               | <u> </u> | L_           | Ш               |  |  |  |
|          | 31   | Ш        | L_           |              | <u> </u>     |          |               |          | <u> </u>     | Щ               |  |  |  |
|          | 32   | Ш        | <u> </u>     |              |              |          |               |          | <u> </u>     | Ш               |  |  |  |
|          | 33   | 1        | <u> </u>     | <u> </u>     | <u> </u>     | <u> </u> | _             | _        | <u> </u>     | Щ               |  |  |  |
|          | 34   | Ш        | <u> </u>     | <u> </u>     | <u> </u>     | <u> </u> | <u> </u>      | <u> </u> | <u> </u>     | Ш               |  |  |  |
|          | 35   | ╙        | <u> </u>     | <u> </u>     | <u> </u>     | ļ        | <u> </u>      | <u> </u> | <u> </u>     | Щ               |  |  |  |
|          | 36   | 11       | <u> </u>     | <u> </u>     | <u> </u>     | <u> </u> | <u> </u>      | <u> </u> | <u> </u>     | Щ               |  |  |  |
| <u> </u> | 37   | #        | ├_           | <u> </u>     | ⊢            | <u> </u> | <u> </u>      | <u> </u> |              | Щ               |  |  |  |
|          | 38   | 1        | <u> </u>     | <u> </u>     | <u> </u>     | <u> </u> | <u> </u>      | <u> </u> | <u> </u>     | $\vdash \vdash$ |  |  |  |
|          | 39   | ₩        | _            | <u> </u>     | <u> </u>     | <b> </b> |               | <u> </u> | <u> —</u>    | $\vdash \vdash$ |  |  |  |
|          | 40   | #        | <u> </u>     | <u> </u>     | ├-           | —        | $\vdash$      |          | <u> </u>     | $\vdash \vdash$ |  |  |  |
|          | 41   | ₩        | <u> </u>     | <u> </u>     | $\vdash$     | ├-       | <u> </u>      | <u> </u> | <u> </u>     | Н               |  |  |  |
|          | 42   | #        | <del> </del> | <del> </del> | <u> </u>     | ├-       | <u> </u>      | <u> </u> | -            | Н               |  |  |  |
|          | 43   | #        | <u> </u>     | _            |              | <u> </u> | -             | ├        | ├            | Н               |  |  |  |
|          | 44   | #        | <u> </u>     |              | <u> </u>     | -        |               | <u> </u> | -            | Н               |  |  |  |
|          | 45   | ╁        | <del> </del> | <u> </u>     | _            | ├-       | <u> </u>      | <u> </u> | -            | Н               |  |  |  |
|          | 46   | ₩        | _            | -            | -            |          | ├—            | <u> </u> |              | $\vdash$        |  |  |  |
| ļ        | 47   | +        | <del> </del> | ├—           | ⊢            | ├-       | ├             |          | 1            | Н               |  |  |  |
|          | 48   | +        |              | ├            | <del> </del> | -        | $\vdash$      | ├—       | -            | $\vdash$        |  |  |  |
| <u> </u> | 49<br>50   | -        | <u> </u>     | $\vdash$     | $\vdash$     | ├        | ├-            | -        | <del> </del> | Н               |  |  |  |
| ı        | 1 50   | k /      | 1            | ı            | ı            | ı        | ı             | t .      |              | i I             |  |  |  |

| laim     | Г  |              |  |  | Date         |              |              |              |          | ) (      | Cla      | im       | Γ            |          |              |                | Date     |          |              |                 |                 |
|----------|--|--------------|--|--|--------------|--------------|--------------|--------------|----------|----------|----------|----------|--------------|----------|--------------|----------------|----------|----------|--------------|-----------------|-----------------|
|          | 19   |              | T  | ΓĪ   |              |              |              |              | Γ        | i i      |          |          | 9            | Т        |              | i              |          |          |              |                 | $\neg$          |
| Original | 3  |              |  |  |              |              |              |              |          |          | Finat    | Original | 9 22 34      |          |              |                |          |          |              |                 |                 |
| 1        | V  | 1_           |  |  |              |              |              |              |          | ]        |          | 51       | V            | Z        |              |                |          |          |              |                 |                 |
| 3        | ì  |              | _  |  |              |              |              | L            |          |          |          | 52       | i            |          |              |                |          |          |              |                 |                 |
| 3        | Ц  |              | <u> </u>   | Щ  |              |              |              |              |          |          |          | 53       | Ц            |          | <u> </u>     |                |          |          |              |                 | $\Box$          |
| 4        | Ц  | 1            | L  |  |              |              |              |              | L        |          |          | 54       | Ц            | <u> </u> | 匚            |                |          |          |              |                 |                 |
| 5        | Ш  |              | L  | L  |              |              |              |              | Ŀ        |          |          | 55       | Ц            |          | $oxed{oxed}$ |                |          |          |              |                 |                 |
| 6        | Ш  |              |  |  |              |              |              |              | L        |          |          | 56       | Ц            |          | $oxed{oxed}$ |                |          |          |              |                 |                 |
| 7        | Ц  |              | _  | Щ  |              |              |              | _            | L        |          |          | 57       | Ц            | <u> </u> | L.           | L              |          | Щ        |              | _               |                 |
| 8        | Ц  | 1            | ļ  |  |              |              |              | <u> </u>     |          |          |          | 58       | Ц            | <u> </u> |              |                |          | Щ        |              | $\blacksquare$  | Щ               |
| 9        | Ц  | <u> </u>     | ļ  |  |              |              |              | L            |          |          |          | 59       | Ц            | <u> </u> |              |                |          |          |              |                 |                 |
| 10       | П  | ↓            | ļ.,  |  |              |              |              |              | _        |          |          | 60       | Ц            | <u> </u> | _            | Ш              |          | L        | _            |                 |                 |
| 11       | Ц  | <u> </u>     | _  |  |              |              |              |              | _        |          |          | 61       | Ш            | $\vdash$ | _            |                | _        |          |              |                 |                 |
| 12       | ₩  | ╄-           | ├_   | _  |              |              |              |              | _        |          |          | 62       | Н            | <u> </u> |              |                | _        |          |              | _               | _               |
| 13       | $\sqcup$   | <u> </u>     | <u> </u>   |  |              |              |              | _            | <u> </u> |          |          | 63       | Н            |          |              |                |          |          |              |                 |                 |
| 14       | ₽  | ┞            | ļ.,  | _  |              | $\vdash$     |              | <u> </u>     | <u> </u> |          |          | 64       | 1            | ╄        | _            |                |          | _        | _            |                 |                 |
| 15       | <u> </u>   |              | ⊢  | _  | _            | $oxed{\Box}$ | _            | -            | _        |          |          | 65       | 1            | ╂        | _            |                |          | -        |              |                 |                 |
| 16       | =  | 1            | -  | H  |              |              | _            | <u> </u>     | <u> </u> |          |          | 66       | ₩-           | ┼        |              |                |          | H        |              | -1              | $\dashv$        |
| 17       | ₩  | 1            | ├  |  |              | <u> </u>     | _            | _            | ⊢        |          |          | 67       | ╂            | ╀        | -            |                | <u> </u> | $\vdash$ | _            | $\dashv$        | $\dashv$        |
| 18       | Н  | +            | ⊢  |  |              |              |              | -            | ⊢        |          |          | 68       | ₽            | +-       | ⊢            |                | $\vdash$ |          |              |                 | $\dashv$        |
| 19       | ++   | +            | ├  | $\vdash$   | -            | _            | $\vdash$     |              | -        |          |          | 69<br>70 | H            | ╁        | ⊢            |                | -        |          | _            | -               |                 |
| 20       | =  |              | ⊢  | $\vdash$   |              |              | _            | -            | -        | 1        |          | 71       | Н            | ╁        |              | H              |          | -        | -            | -               | $\vdash$        |
| 22       | V  | Ή            | ┢  | $\vdash$   | -            |              | _            | ⊢            | -        | 1        |          | 72       | Н            | +        | ├            |                |          | -        | -            |                 | $\vdash$        |
| 23       | +  | +            | $\vdash$   | $\vdash$   |              | _            | $\vdash$     | ├            | -        | 1        |          | 73       | H            | ╁╴       | -            | -              | -        | -        |              |                 | $\vdash$        |
| 24       | Н  | +            | ┢╌   |  | _            | _            | -            | ├            | ╁        | 1        |          | 74       |              | ᅪ        | _            |                |          |          |              |                 | $\dashv$        |
| 25       | Н  | +            | <del>  -</del>                                   | <del>                                     </del> | _            | _            | _            | $\vdash$     |          | 1        |          | 75       | Y            | ┼        |              | H              |          | -        |              |                 | $\vdash$        |
| 26       | Н  | +            | $\vdash$   | $\vdash$   |              | -            |              |              |          | 1        |          | 76       | ┝            | ┢        |              | -              |          |          |              | $\neg$          |                 |
| 27       | +1   | +            | ╁  |  |              |              |              |              |          | 1        |          | 77       | ╁            | $\vdash$ |              | $\vdash$       | ┢        |          |              |                 | т               |
| 28       | Ħ  | ╁╌           | ┼─   | $\vdash$   | _            | -            |              |              |          | 1        |          | 78       | ┢            | t        |              | -              |          | ┢        |              |                 |                 |
| 29       | $\dagger \dagger$  | ╁╌           | -  | $\vdash$   | _            |              |              | _            |          | 1 .      |          | 79       | Ι-           | 1        |              | _              |          | $\vdash$ |              |                 |                 |
| 30       | ††   | ╁            | $\vdash$   |  |              |              |              | _            | $\vdash$ | 1        |          | 80       | ┢            | t        | _            | _              | $\vdash$ | _        |              | $\Box$          | $\Box$          |
| 31       | $\forall t$  | ╁┈           | <del>                                     </del> |  |              |              |              |              |          | 1        |          | 81       | T            | t        | _            | Г              |          | _        |              |                 |                 |
| 32       | T  | 1            | t  | T  |              |              |              |              | Т        |          |          | 82       |              | T        |              | Г              |          |          |              |                 |                 |
| 33       | 11   | 1            | İ  |  |              |              |              |              |          | 1        |          | 83       | Г            | T        | Π            |                |          | Г        |              |                 |                 |
| 34       | 11   | Т            |  |  |              |              |              |              |          | 1        |          | 84       | Γ            | Т        |              |                |          |          |              |                 |                 |
| 35       | П  |              |  | Г  |              |              |              |              |          | 1        |          | 85       | Г            |          |              |                |          |          |              |                 |                 |
| 36       | $\prod$  |              |  |  |              |              |              |              |          | ]        |          | 86       | $oxed{\Box}$ |          |              |                |          |          |              |                 |                 |
| 37       | Ш  |              |  |  |              |              |              |              | L        | ]        |          | 87       |              |          |              |                | L        |          |              |                 |                 |
| 38       | П  |              |  |  |              |              |              | L            | L        | ]        |          | 88       | Ĺ            | <u> </u> | _            |                | _        | L_       | $\Box$       |                 |                 |
| 39       | Ш  |              |  | L  |              | L            | L            | _            | L        | ļ        |          | 89       | 乚            | <u> </u> | L            | _              |          | _        |              |                 |                 |
| 40       | Ш  | _            | L  | L  | _            | <u>L</u>     |              | <u> </u>     | ļ        | Į        |          | 90       | L            | ╙        | L            | <u> </u>       |          | ļ        | L_           | Ш               |                 |
| 41       | Ц  | ↓_           | <u> </u>   |  |              | L_           | _            | L            |          |          |          | 91       | L            | 1        | <u> </u>     | L.             |          | L        | _            | Ш               |                 |
| 42       | Ш  | ↓_           | <u> </u>   | _  |              | L            | _            |              | ┖        |          |          | 92       | L            | ┸        |              | L_             | _        | <u> </u> | ᆫ            |                 |                 |
| 43       | 11   | ╄            | 1  | ļ  | L            | <u> </u>     | <u> </u>     | <u> </u>     | <u> </u> |          |          | 93       | <u> </u>     | $\vdash$ | L_           | <u> </u>       | <u> </u> | <u> </u> | L.           | Щ               | Ш               |
| 44       | 11   | ╀            | <del> </del>                                     | <u> </u>   | _            | <u> </u>     | <u> </u>     | <u> </u>     | $\vdash$ |          |          | 94       | L            | ╀-       | <u> </u>     | <u> </u>       | <u> </u> | <u> </u> | <u> </u>     | Ш               | $\vdash \dashv$ |
| 45       | #  | ╀            | 1  |  | L-           | <u> </u>     |              | _            | <u> </u> |          |          | 95       | L            | ╀        | _            |                | <u> </u> | <u> </u> | $\vdash$     | $\vdash \vdash$ | Щ               |
| 46       | $\!$ | $\perp$      | 1  | <u> </u>   | <u> </u>     | <b>├</b> —   | <u> </u>     | <u> </u>     |          | <b>↓</b> |          | 96       | $\vdash$     | ╁        | ├-           | <u> </u>       | <u> </u> | 1        | $\vdash$     | Ш               |                 |
| 47       | #  | ┼-           | ┼  | $\vdash$   | ├—           | <del> </del> | <u> </u>     | 1—           | $\vdash$ |          | <u> </u> | 97       | -            | +-       | ├            | <u> </u>       | ├-       | -        | <del> </del> |                 | $\vdash$        |
| 48       | +1   | +-           |  | -  | -            | $\vdash$     | <del> </del> | -            | ├-       | {        |          | 98       | ╀            | +        | $\vdash$     | <del>  -</del> | ├-       | -        |              | -               | Н               |
| 49       | ╀  | <del> </del> | +  | $\vdash$   | <del> </del> | ├-           | ├-           | <del> </del> | ⊢        | 1        |          | 99       | ╀            | ╀        | ├            |                | -        |          | $\vdash$     |                 | Н               |
| 50       | 1  | 1_           | 1  | <u></u>  | <u></u>      |              | <u> </u>     | Ц_           | Ц_       | J        | Ц        | 100      |              | Ш_       | Ц            | Ц              | L_       | <u> </u> | <u> </u>     |                 | ш               |

| Cl       | nim                      | Date         |          |              |                    |          |          |                    |              |          |  |  |
|----------|--------------------------|--------------|----------|--------------|--------------------|----------|----------|--------------------|--------------|----------|--|--|
| Claim    |                          | _            |          |              |                    | Jack     |          |                    |              | H        |  |  |
| Final    | Original                 |              |          |              |                    |          |          |                    |              |          |  |  |
|          | 101                      |              |          |              |                    |          |          |                    |              |          |  |  |
|          | 101<br>102               |              |          |              |                    |          |          |                    |              |          |  |  |
|          | 103                      |              |          |              |                    |          |          |                    |              |          |  |  |
|          | 104                      |              |          |              |                    |          |          |                    |              |          |  |  |
|          | 105                      |              |          |              |                    |          |          |                    |              |          |  |  |
|          | 104<br>105<br>106<br>107 |              |          |              |                    |          |          |                    |              |          |  |  |
|          | 107                      | Щ            |          |              |                    |          |          |                    |              | Ш        |  |  |
|          | 108                      | Ш            |          |              |                    |          |          |                    |              | Ш        |  |  |
|          | 109                      |              |          |              |                    |          |          | _                  |              | Н        |  |  |
|          | 110<br>111               | -            |          |              | -                  |          |          | _                  |              | $\vdash$ |  |  |
|          | 111                      | $\vdash$     |          |              |                    |          |          |                    | _            | -        |  |  |
|          | 112<br>113               | $\vdash$     |          |              |                    |          |          |                    |              | H        |  |  |
|          | 114                      | $\vdash$     |          |              | $\vdash$           |          |          | $\vdash$           |              |          |  |  |
| -        | 114<br>115               | H            |          |              | Н                  | -        |          | $\vdash$           |              |          |  |  |
|          | 116                      |              |          | -            | -                  | _        | _        |                    |              |          |  |  |
|          | 116<br>117<br>118        | _            | _        |              | Н                  |          |          |                    | H            |          |  |  |
|          | 118                      | -            |          |              |                    |          |          |                    |              |          |  |  |
|          | 1119                     |              |          |              |                    |          |          |                    |              |          |  |  |
|          | 120                      |              |          |              |                    |          |          |                    |              |          |  |  |
|          | 120<br>121               |              |          |              |                    |          |          |                    |              |          |  |  |
|          | 122                      |              |          |              |                    |          |          |                    |              |          |  |  |
|          | 122<br>123<br>124        |              |          |              |                    |          |          |                    |              |          |  |  |
|          | 124                      |              |          |              |                    |          |          |                    | _            |          |  |  |
|          | 125                      |              |          |              |                    |          |          | _                  | _            |          |  |  |
|          | 125<br>126<br>127        |              |          | _            |                    |          |          |                    | _            | Щ        |  |  |
|          | 127                      |              |          | <u> </u>     |                    |          |          |                    |              | _        |  |  |
|          | 128                      |              | _        |              | _                  |          | _        | _                  |              |          |  |  |
|          | 128<br>129<br>130        |              | _        |              |                    |          |          | -                  | -            | H        |  |  |
|          | 131                      |              |          | <del> </del> |                    |          | _        | ⊢                  | -            | -        |  |  |
|          | 132                      | $\vdash$     | _        | -            | $\vdash$           |          | _        |                    |              | $\vdash$ |  |  |
| <u> </u> | 133                      | $\vdash$     | _        | -            | Н                  |          |          | $\vdash$           | $\vdash$     | $\vdash$ |  |  |
|          | 133<br>134               |              | -        |              | $\vdash$           | Н        | $\vdash$ | $\vdash$           | Н            | -        |  |  |
|          | 135                      | М            |          | T            |                    |          |          | $\vdash$           | _            | $\vdash$ |  |  |
|          | 136                      |              |          |              | П                  |          | _        | $\vdash$           | Т            |          |  |  |
|          | 136<br>137<br>138        | П            |          |              | П                  |          | _        | Г                  |              |          |  |  |
|          | 138                      |              |          |              | _                  |          |          |                    |              |          |  |  |
|          | 139                      |              |          |              |                    |          |          |                    |              |          |  |  |
|          | 140                      |              |          |              |                    |          |          |                    |              |          |  |  |
|          | 141                      |              |          |              |                    |          |          | $\Box$             |              |          |  |  |
|          | 142                      | $oxed{oxed}$ |          |              | $oxedsymbol{oxed}$ |          | _        | $oxedsymbol{oxed}$ | L            |          |  |  |
| <u> </u> | 143                      | <u> </u>     |          | <u> </u>     |                    | <u> </u> | <u> </u> | <u> </u>           | <u> </u>     | _        |  |  |
| <u> </u> | 144                      | <u> </u>     | L.       | <u> </u>     | <u> </u>           | <u> </u> | _        | <u> </u>           | <u> </u>     | <u> </u> |  |  |
|          | 145                      | lacksquare   |          | <u> </u>     | $\vdash$           | $\vdash$ | <u> </u> | <u> </u>           | <u> </u>     | _        |  |  |
| <u> </u> | 146                      | <u> </u>     | <u> </u> | _            |                    | <u> </u> | <u> </u> | ├                  | <u> </u>     | <b> </b> |  |  |
| <u> </u> | 147                      | <del> </del> | -        | ├            |                    | <u> </u> | <u> </u> | ├-                 | <del> </del> |          |  |  |
|          | 148<br>149               |              | H        | $\vdash$     | $\vdash$           | -        | ├        | ⊢                  | ├            | $\vdash$ |  |  |
|          | 150                      | $\vdash$     | -        | $\vdash$     | $\vdash$           | -        | $\vdash$ | $\vdash$           | $\vdash$     | -        |  |  |
|          | 150                      | L            |          | L            |                    | l        |          |                    | l            |          |  |  |